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OM nucleic - nucleic search, using sw model

Run on: June 23, 2004, 13:55:31 ; Search time 276 Seconds
(without alignments)
8836.990 Million cell updates/sec

Title: US-09-652-292C-1
Perfect score: 4395
Sequence: 1 gagggggcttgcagccg.....attattgtataaaaaaaa 4395

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

1: /cgn2_6/ptodata/2/ina/5A COMB.seq:*

2: /cgn2_6/ptodata/2/ina/5B COMB.seq:*

3: /cgn2_6/ptodata/2/ina/5A COMB.seq:*

4: /cgn2_6/ptodata/2/ina/5B COMB.seq:*

5: /cgn2_6/ptodata/2/ina/PCTUS COMB.seq:*

6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4029	91.7	4385	4	US-10-162-012-43 Sequence 43, Appl
2	1625.2	37.0	1689	4	US-10-162-012-45 Sequence 45, Appl
3	375	8.5	380	4	US-09-621-976-9555 Sequence 9555, Ap
C 4	189.2	4.3	241	4	US-09-389-681-333 Sequence 333, App
C 5	189.2	4.3	241	4	US-09-620-405B-333 Sequence 333, App
C 6	189.2	4.3	241	4	US-09-433-825B-333 Sequence 333, App
C 7	189.2	4.3	241	4	US-09-604-287A-333 Sequence 333, App
C 8	189.2	4.3	241	4	US-09-834-759-333 Sequence 333, App
9	182.8	4.2	51552	4	US-09-733-294A-30 Sequence 30, Appl
10	181.8	4.1	55298	4	US-09-491-356C-1 Sequence 1, Appl
11	180.6	4.1	111282	4	US-09-754-250-3 Sequence 3, Appl
C 12	179.2	4.1	55827	4	US-09-813-133A-3 Sequence 3, Appl
C 13	179.2	4.1	116592	4	US-09-818-512-3 Sequence 3, Appl
C 14	178.6	4.1	53332	4	US-09-801-861-3 Sequence 3, Appl
15	178	4.1	66804	4	US-09-740-041-3 Sequence 3, Appl
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17	177.8	4.0	72604	4	US-09-657-474-7 Sequence 7, Appl
18	177.4	4.0	112132	4	US-09-741-150-3 Sequence 3, Appl
19	177.4	4.0	112132	4	US-10-160-187-3 Sequence 3, Appl
20	177.2	4.0	9365	4	US-09-608-285A-8 Sequence 8, Appl
21	177.2	4.0	9365	4	US-09-350-836B-8 Sequence 8, Appl
22	177.2	4.0	9365	4	US-09-370-265-8 Sequence 8, Appl
23	177.2	4.0	9365	4	US-09-557-800C-8 Sequence 8, Appl
24	177.2	4.0	9365	4	US-09-370-625A-8 Sequence 8, Appl
25	177.2	4.0	14747	4	US-09-608-285A-8 Sequence 42, Appl
26	177.2	4.0	14747	4	US-09-557-800C-42 Sequence 42, Appl
27	177.2	4.0	15977	4	US-09-608-285A-59 Sequence 59, Appl

ALIGNMENTS

RESULT 1

US-10-162-012-43

; Sequence 43, Application US/10162012

; Patent No. 6682597

; GENERAL INFORMATION:

; APPLICANT: Curtiss, Rory A.J.

; APPLICANT: Sillos-Santiago, Inmaculada

; APPLICANT: Gu, Wei

; TITLE OF INVENTION: NOVEL HUMAN ION CHANNEL AND TRANSPORTER FAMILY MEMBERS

; FILE REFERENCE: 10448-190001

; CURRENT APPLICATION NUMBER: US/10/162,012

; PRIORITY FILING DATE: 2002-06-04

; PRIOR APPLICATION NUMBER: US 60/209,845

; PRIOR FILING DATE: 2000-06-06

; PRIOR APPLICATION NUMBER: US 09/875,321

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: PCT/US01/18340

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: US 60/209,257

; PRIOR FILING DATE: 2000-06-05

; PRIOR APPLICATION NUMBER: US 09/875,423

; PRIOR FILING DATE: 2001-06-05

; PRIOR APPLICATION NUMBER: PCT/US01/18398

; PRIOR FILING DATE: 2001-06-05

; PRIOR APPLICATION NUMBER: US 60/209,238

; PRIOR FILING DATE: 2000-06-05

; PRIOR APPLICATION NUMBER: US 09/875,363

; PRIOR FILING DATE: 2001-06-05

; PRIOR APPLICATION NUMBER: PCT/US01/18247

; PRIOR FILING DATE: 2001-06-05

; PRIOR APPLICATION NUMBER: US 60/227,068

; PRIOR FILING DATE: 2000-08-22

; PRIOR APPLICATION NUMBER: US 09/928,530

; PRIOR FILING DATE: 2001-08-13

; PRIOR APPLICATION NUMBER: PCT/US01/25475

; PRIOR FILING DATE: 2001-08-15

; PRIOR APPLICATION NUMBER: US 60/226,770

; PRIOR FILING DATE: 2000-08-21

; PRIOR APPLICATION NUMBER: US 09/934,421

; PRIOR FILING DATE: 2001-08-21

; PRIOR APPLICATION NUMBER: PCT/US01/26096

; PRIOR FILING DATE: 2001-08-21

; PRIOR APPLICATION NUMBER: US 60/279,281

; PRIOR FILING DATE: 2001-03-28

; PRIOR APPLICATION NUMBER: US 10/109,029

; PRIOR FILING DATE: 2002-03-28

; PRIOR APPLICATION NUMBER: PCT/US02/09728

; PRIOR FILING DATE: 2002-03-28

; PRIOR APPLICATION NUMBER: US 60/290,288

; PRIOR FILING DATE: 2001-05-11

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Sequence 24, Appl
Sequence 4, Appl
Sequence 43, Appl
Sequence 2, Appl
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Sequence 79, Appl
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Sequence 1, Appl
Sequence 6, Appl
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US-09-791-211-3
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Qy	1558	GAGATCTACCCCTGTGGAGATACGAGGAAGAGCCTTTGGCCTTCTGCAACAGCTTCAACTGG	1617
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Qy	1738	GTTCTTGAAACAAAGGCCAGTCGTTGGCAGAGATAGACCAAGCAGTTCCAGAGAGACCGG	1797
Db	1552	GTTCTTGAAACAAAGGCCAGTCGTTGGCAGAGATAGACCAAGCAGTTCCAGAGAGACCGG	1611
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Db	1672	ATCTCTGGGCTCTCTGA	1689

RESULT 3
US-09-621-976-9555

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US-09-621-976-9553
; Sequence 9555, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19135
; SOFTWARE: Patent.pm
; SEQ ID NO 9555
; LENGTH: 380
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-9555

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Qy	3539	TACTATTATCTGTGCTTTTTCAGGCTATTTCTACATAGTAACCTCTTATGGAGACTATAGGGG	3598		
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Qy	3599	AGACACGGCGCATCTCTTCTCGATTCGCCACTCAATGACATCATGTTAGTCTTTGTGTTC	3658		
Db	66	AGACACGGCGCATCTCTTCTCGATTCGCCACTCAATGACATCATGTTAGTCTTTGTGTTC	125		
Qy	3659	TTAACTGGCTGTGGGGAGTGTTTTGTGTATCACAAGATTAGAGAGGACTACACATCAGGG	3718		
Db	126	TTAACTGGCTGTGGGGAGTGTTTTGTGTATCACAAGATTAGAGAGGACTACACATCAGGG	185		
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3839	QY	AAATGAGGAGTATTCTTCCAGTAGTTGAACTCTCATCCGTTTCAGCTGACAGCTGC	3898
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3899	QY	TCAAATCATTTTAAAGA	3913
366	Db	TCAAATCATTTTAAAGA	380

RESULT 4

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US-09-389-681-333/C
; Sequence 333, Application US/09389681A
; Patent No. 6518237
; GENERAL INFORMATION:
; APPLICANT: Yuqi, Jiang
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.470C3
; CURRENT APPLICATION NUMBER: US/09/389,681A
; CURRENT FILING DATE: 1999-09-02
; NUMBER OF SEQ ID NOS: 463
; SOURCE: FastSeq for Windows Version 3.0
; SEQ ID NO 333
; LENGTH: 241
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(241)
; OTHER INFORMATION: n = A,T,C or G
US-09-389-681-333

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	Query Match	4.3%;	Score 189.2;	DB 4;	Length 241;
	Best Local Similarity	87.0%;	Pred. No. 6..6e-35;		
	Matches 200;	Conservative 0;	Mismatches 30;	Indels 0;	Gaps 0;
Qy	4162	ATATGCAATTAGCATAAAGAATATTTACAAATAAACAATATTTTACAAATAAAGAGTTTTATT			4221
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Qy	4222	ATPATTTGTGAAGTTGTGCGAACAAACATACACCTTTATCTCTGTAAAAATTTTATACACACA			4281
Db	181	ATPATTTGTGAAGTTGTGCGAACAAACATACACCTTTATTTTGTGTAAAAATTTTATACNCNCA			122
Qy	4282	AAAATTTAACAAAAAGATTCTGTGAAGAATTAATTTGGCTATATGGAAATTTTAGGATAGAAATATT			4341
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Qy	4342	TACAATAAAGAGTATTTACAATAAAGAGTTTGTTATTTATTTGTAAAAAAA			4391
Db	61	TNCATATAAANAGTATTTTCAAAAAATAAAAAAAAAAAAAAAAAAAAAAAAAA			12

RESULT 5

US-09-620-405B-333/c
 ; Sequence 333, Application US/09620405B
 ; Patent No. 6528054
 ; GENERAL INFORMATION:
 ; APPLICANT: Jiang, Yugu
 ; APPLICANT: Dillon, Davin C.
 ; APPLICANT: Mitcham, Jennifer L.
 ; APPLICANT: Xu, Jiangchun
 ; APPLICANT: Harlocker, Susan L.
 ; APPLICANT: Hepler, William T.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 ; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER

FILE REFERENCE: 210121.470C8
CURRENT APPLICATION NUMBER: US/09/620,405B
CURRENT FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 495
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 333
LENGTH: 241
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(241)
OTHER INFORMATION: n = A,T,C or G
US-09-620-405B-333

Query Match
Best Local Similarity 4.3%; Score 189.2; DB 4; Length 241;
Matches 200; Conservative 0; Mismatches 30; Indels 0; Gaps 0;

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Qy 4222 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 4281
Db 181 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 122

Qy 4282 AAAATTAACAAAGATTTCTGTAGAATTAAATTCGCTATATGGAATTTAGGATAGAATATT 4341
Db 121 AAAATTAACAAANATTTGTAAATTAATTTGGCTATATGGAATTTAGGATAGAATATT 62

Qy 4342 TACAATAAAGATTTTACAAATAAAGATTTTGTATTATTTGTAAAAAA 4391
Db 61 TACAATAAANAGTATTTCNCAAAAAA 12

RESULT 6
US-09-433-826B-333/c
Sequence 333, Application US/09433826B
Patent No. 6579973
GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
FILE REFERENCE: 210121.470C4
CURRENT APPLICATION NUMBER: US/09/433,826B
CURRENT FILING DATE: 1999-11-03
NUMBER OF SEQ ID NOS: 474
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 333
LENGTH: 241
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(241)
OTHER INFORMATION: n = A,T,C or G
US-09-433-826B-333

Query Match
Best Local Similarity 4.3%; Score 189.2; DB 4; Length 241;
Matches 200; Conservative 0; Mismatches 30; Indels 0; Gaps 0;

Qy 4162 ATATGGAATTTAGGATAAAGATATTACAAATAAAGATATTACAAATAAAGATTTTAT 4221
Db 241 ATATGGAATTTAGGATAAAGATATTACAAATAAAGATTTTAT 182

Qy 4222 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 4281
Db 181 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 122

Query Match
Best Local Similarity 4.3%; Score 189.2; DB 4; Length 241;
Matches 200; Conservative 0; Mismatches 30; Indels 0; Gaps 0;

Qy 4162 ATATGGAATTTAGGATAAAGATATTACAAATAAAGATATTACAAATAAAGATTTTAT 4221
Db 241 ATATGGAATTTAGGATAAAGATATTACAAATAAAGATTTTAT 182

Qy 4222 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 4281
Db 181 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 122

Db 181 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 122

Qy 4282 AAAATTAACAAAGATTTCTGTAGAATTAAATTCGCTATATGGAATTTAGGATAGAATATT 4341
Db 121 AAAATTAACAAANATTTGTAAATTAATTTGGCTATATGGAATTTAGGATAGAATATT 62

Qy 4342 TACAATAAAGATTTTACAAATAAAGATTTTGTATTATTTGTAAAAAA 4391
Db 61 TACAATAAANAGTATTTCNCAAAAAA 12

RESULT 7
US-09-604-287A-333/c
Sequence 333, Application US/09604287A
Patent No. 6586572
GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
FILE REFERENCE: 210121.470C7
CURRENT APPLICATION NUMBER: US/09/604,287A
CURRENT FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 489
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 333
LENGTH: 241
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(241)
OTHER INFORMATION: n = A,T,C or G
US-09-604-287A-333

Query Match
Best Local Similarity 4.3%; Score 189.2; DB 4; Length 241;
Matches 200; Conservative 0; Mismatches 30; Indels 0; Gaps 0;

Qy 4162 ATATGGAATTTAGGATAAAGATATTACAAATAAAGATATTACAAATAAAGATTTTAT 4221
Db 241 ATATGGAATTTAGGATAAAGATATTACAAATAAAGATTTTAT 182

Qy 4222 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 4281
Db 181 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 122

Qy 4282 AAAATTAACAAAGATTTCTGTAGAATTAAATTCGCTATATGGAATTTAGGATAGAATATT 4341
Db 121 AAAATTAACAAANATTTGTAAATTAATTTGGCTATATGGAATTTAGGATAGAATATT 62

Qy 4342 TACAATAAAGATTTTACAAATAAAGATTTTGTATTATTTGTAAAAAA 4391
Db 61 TACAATAAANAGTATTTCNCAAAAAA 12

Query Match
Best Local Similarity 4.3%; Score 189.2; DB 4; Length 241;
Matches 200; Conservative 0; Mismatches 30; Indels 0; Gaps 0;

Qy 4162 ATATGGAATTTAGGATAAAGATATTACAAATAAAGATATTACAAATAAAGATTTTAT 4221
Db 241 ATATGGAATTTAGGATAAAGATATTACAAATAAAGATTTTAT 182

Qy 4222 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 4281
Db 181 ATATTTGTAAGTTGTGTGCAACAACATACCCCTTTATCTCTGTAAATTTATACACACA 122

Qy 4282 AAAATTAACAAAGATTTCTGTAGAATTAAATTCGCTATATGGAATTTAGGATAGAATATT 4341
Db 121 AAAATTAACAAANATTTGTAAATTAATTTGGCTATATGGAATTTAGGATAGAATATT 62

Qy 4342 TACAATAAAGATTTTACAAATAAAGATTTTGTATTATTTGTAAAAAA 4391
Db 61 TACAATAAANAGTATTTCNCAAAAAA 12

RESULT 8
US-09-834-759-333/c
Sequence 333, Application US/09834759
Patent No. 6680197
GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
APPLICANT: Henderson, Robert A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

FILE REFERENCE: 210121.470C9

CURRENT APPLICATION NUMBER: US/09/834,759

CURRENT FILING DATE: 2001-04-13

NUMBER OF SEQ ID NOS: 547

SOFTWARE: SeqSeq for Windows Version 3.0

SEQ ID NO 333

LENGTH: 241

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)...(241)

OTHER INFORMATION: n = A,T,C or G

US-09-834-759-333

Query Match 4.3%; Score 189.2; DB 4; Length 241;

Best Local Similarity 87.0%; Pred. No. 6.6e-35;

Matches 200; Conservative 0; Mismatches 30; Indels 0; Gaps 0;

QY 4162 ATATGGAATTTAGGATAAAGATATTTACAAATAAAGAAATTTACAAATAAAGAGTTTATT 4221

DB 241 ATATGGAATTTAGGATAAAGATATTTACAAATAAAGAAATTTACAAATAAAGAGTTTATT 182

QY 4222 ATTATTTGTAAGTGTGTGCAACAACATACCCCTTTATCTGTAAATTTTATACACACA 4281

DB 181 ATTATTTGTAAGTGTGTGCAACAACATACCCCTTTATTTTGTAAATTTTATACACACA 122

QY 4282 AAAATTAACAAAGATCTGTGAAGAAATTAATTTGGCTATATGGAATTTAGGATAGATATT 4341

DB 121 AAAATTAACAAAGAAATTTGTAAATTAATTTGGCTATATGGAATTTAGGATAGATATT 62

QY 4342 TACAATAAGAGTATTACAAATAAAGAGTTTGTATTATTTCTGTAACAAAAA 4391

DB 61 TCAATAAAGATATTTCACAAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 12

RESULT 9

US-09-733-294A-30

Sequence 30, Application US/09733294A

Patent No. 6492171

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: William Gaarde

APPLICANT: Susan M. Freier

APPLICANT: Edward V. Wanciewicz

TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION

FILE REFERENCE: ISPH-0527

CURRENT APPLICATION NUMBER: US/09/733,294A

PRIOR FILING DATE: 2000-12-07

PRIOR APPLICATION NUMBER: 09/572,423

PRIOR FILING DATE: 2000-05-16

NUMBER OF SEQ ID NOS: 108

SEQ ID NO 30

LENGTH: 5152

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: exon

LOCATION: (1)...(11492)

OTHER INFORMATION: exon 1

NAME/KEY: intron

LOCATION: (11493)...(11596)

OTHER INFORMATION: intron 1

NAME/KEY: exon

LOCATION: (11597)...(12950)

OTHER INFORMATION: exon 2

NAME/KEY: intron

LOCATION: (12951)...(21566)

OTHER INFORMATION: intron 2

NAME/KEY: exon

LOCATION: (21567)...(21762)

OTHER INFORMATION: exon 3

NAME/KEY: intron

LOCATION: (21763)...(23851)

OTHER INFORMATION: intron 3

NAME/KEY: exon

LOCATION: (23852)...(24032)

OTHER INFORMATION: exon 4

NAME/KEY: intron

LOCATION: (24033)...(24719)

OTHER INFORMATION: intron 4

NAME/KEY: exon

LOCATION: (24720)...(24899)

OTHER INFORMATION: exon 5

NAME/KEY: intron

LOCATION: (24900)...(25393)

OTHER INFORMATION: intron 5

NAME/KEY: exon

LOCATION: (25394)...(25549)

OTHER INFORMATION: exon 6

NAME/KEY: intron

LOCATION: (25550)...(30196)

OTHER INFORMATION: intron 6

NAME/KEY: exon

LOCATION: (30195)...(30292)

OTHER INFORMATION: exon 7

NAME/KEY: intron

LOCATION: (30293)...(31272)

OTHER INFORMATION: intron 7

NAME/KEY: exon

LOCATION: (31273)...(31358)

OTHER INFORMATION: exon 8

NAME/KEY: intron

LOCATION: (31359)...(33843)

OTHER INFORMATION: intron 8

NAME/KEY: unsure

LOCATION: 31450

OTHER INFORMATION: unknown

NAME/KEY: exon

LOCATION: (33844)...(33957)

OTHER INFORMATION: exon 9

NAME/KEY: intron

LOCATION: (33958)...(35941)

OTHER INFORMATION: intron 9

NAME/KEY: exon

LOCATION: (35942)...(36013)

OTHER INFORMATION: exon 10

NAME/KEY: intron

LOCATION: (36014)...(37884)

OTHER INFORMATION: intron 10

NAME/KEY: exon

LOCATION: (37885)...(38073)

OTHER INFORMATION: exon 11

NAME/KEY: intron

LOCATION: (38074)...(41874)

OTHER INFORMATION: intron 11

NAME/KEY: exon

LOCATION: (41875)...(42001)

OTHER INFORMATION: exon 12

NAME/KEY: intron

LOCATION: (42002)...(42881)

OTHER INFORMATION: intron 12

NAME/KEY: exon

LOCATION: (42882)...(42943)

OTHER INFORMATION: exon 13

NAME/KEY: intron

LOCATION: (42944)...(46129)

OTHER INFORMATION: intron 13

NAME/KEY: exon

LOCATION: (46130)...(46254)

OTHER INFORMATION: exon 14

NAME/KEY: intron

LOCATION: (46255)...(47035)

OTHER INFORMATION: intron 14

NAME/KEY: exon

LOCATION: (47036)...(47035)

OTHER INFORMATION: intron 14

LOCATION: (47036)...(47173)
OTHER INFORMATION: exon 15
NAME/KEY: intron
LOCATION: (47174)...(47709)
OTHER INFORMATION: intron 15
NAME/KEY: exon
LOCATION: (47710)...(50544)
OTHER INFORMATION: exon 16
US-09-733-294A-30

Query Match 4.2%; Score 182.8; DB 4; Length 51552;
Best Local Similarity 79.0%; Pred. No. 3.6e-32;
Matches 248; Conservative 0; Mismatches 52; Indels 14; Gaps 2;
QY 2295 CATTTTCGGAGGGGAGTCTCTTTTACTCTTATCATTTTTTTTTTGGGTGGA 2354
Db CTTTCCCTGGGATGTGGGTCTGATCTCTCTCTCTTTTTTTTTTCTTTTTCAGATGA 22111
QY 2355 GTCTCATTTCTGTGCCAGGCTGGCCCTG-----ATCTTGGCTCACTGCAACTCC 2404
Db GTCTCACTCTGTGCCAGGCTGGAGTGCAGTGGCATATCTTGGCTCACTGCAACTCC 22171
QY 2405 ACTTCTGGGTTCAAGGATCTCTGCTCAGCTCTTAAGTAGCTGGGATTACAGGCG 2464
Db ACTTCTGGGTTTAAAGGATTCACAGGCTCAGCTCTTAAGTAGCTGGGATTACAGGCA 22231
QY 2465 CGTCCACACACACCACTAATT-----TATTTTACAGAGATGGGGTTTCACTGTGTG 2520
Db CTTGCCACACAGCTGCTGAATTTTGTACTTTTACAGAGATGGGGTTTCACTGTGTG 22291
QY 2521 GCACGCTGTGTGAACTCTGAGTCAAGTCAATCCACCTCAGCTCAGCTCCAGAGTG 2580
Db GCCAGGCTGTGTGAACTCATGACCTCAGTCAATCCACCTCAGCTCCAGAGTG 22351
QY 2581 CTAGGATTACAGGC 2594
Db CTGGTTTACAGGC 22365

RESULT 10
US-09-491-356C-1
Sequence 1, Application US/09491356C
Patent No. 6566061
GENERAL INFORMATION:
APPLICANT: Philibert, Robert A.
APPLICANT: Ginn, Edward I.
APPLICANT: Delisi, Lynn
TITLE OF INVENTION: IDENTIFICATION OF POLYMORPHISMS IN THE PCTG4 REGION OF XQ13
FILE REFERENCE: 9465.6US11
CURRENT APPLICATION NUMBER: US/09/491,356C
CURRENT FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: PCT/US99/09365
PRIOR FILING DATE: 1999-04-29
PRIOR APPLICATION NUMBER: 60/083,465
PRIOR FILING DATE: 1998-04-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 55298
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (485)...(485)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (838)...(838)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (16728)...(16728)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (22750)...(22750)

OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (22756)...(22756)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (28519)...(28519)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (44804)...(44804)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (45002)...(45002)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (54049)...(54049)
OTHER INFORMATION: n is not determined
NAME/KEY: misc feature
LOCATION: (54226)...(54226)
OTHER INFORMATION: n is not determined
US-09-491-356C-1

Query Match 4.1%; Score 181.8; DB 4; Length 55298;
Best Local Similarity 74.2%; Pred. No. 6.4e-32;
Matches 262; Conservative 0; Mismatches 77; Indels 14; Gaps 2;
QY 2258 ATCAATCTTTTCTAATCTCTTTTTTCAACTGCTGGGACATTTTCGGAAGGGAGTCTC 2317
Db ATCAATCTTTTCTAATCTCTTTTTTCAACTGCTGGGACATTTTCGGAAGGGAGTCTC 42867
QY 2318 TTTTCTTCTTATCATTTTTTTTTTGGGTGGAGTCTCATTTCTGTGCCAGGCG-- 2375
Db TTTTCTTCTTATCATTTTTTTTTTGGGTGGAGTCTCATTTCTGTGCCAGGCG-- 42867
QY 2376 -----TGGCTCTGATCTTGGCTCACTGCAACTCCACTTCCCTGGGTTCAGGCAATTCT 2427
Db GAGTCAATGCAATGATCTGGCTCACTGCAACTCCCTGGGTTCAGGCAATTCT 42987
QY 2428 CCTGCTCAGCTCTTAAGTAGCTGGGATTACAGGCGGTGCGCACACACCCAGCTAATT 2487
Db CCTGCTCAGCTCTTAAGTAGCTGGGATTACAGGCGGTGCGCACACACCCAGCTAATT 43047
QY 2488 ----TATTTTACAGAGATGGGGTTTCACTGTGTGCCAGGCTGTGCTGAACTCCTG 2543
Db TTTGTTATTTTACAGAGATGGGGTTTCACTGTGTGCCAGGCTGTGCTGAACTCCTG 43107
QY 2544 AGCTCAATGATCACTGCAACTCCAGCTCAGCTCCAGAGTCTAGGATTACAGGCT 2596
Db ACCTCAGGTGATCACTGCAACTCCAGCTCAGCTCCAGAGTCTAGGATTACAGGCT 43160

RESULT 11
US-09-754-250-3
Sequence 3, Application US/09754250
Patent No. 6376225
GENERAL INFORMATION:
APPLICANT: Wei, Ming-Hui et al
TITLE OF INVENTION: ISOLATED HUMAN PHOSPHODIESTERASE
TITLE OF INVENTION: PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN
TITLE OF INVENTION: PHOSPHODIESTERASE PROTEINS, AND USES THEREOF
FILE REFERENCE: CL001063
CURRENT APPLICATION NUMBER: US/09/754,250
CURRENT FILING DATE: 2001-01-05
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 111282
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(11282)
OTHER INFORMATION: n = A, T, C or G
US-09-754-250-3

